JHONATA DEMUNER

SOFTWARE ENGINEER – BRAZIL

Portfolio   github.com/jhonatademuner   linkedin.com/in/jhonatademuner   jhonata.demuner@gmail.com   +55 27 99912-0806

Software Engineer experienced in designing and implementing innovative solutions using **Java** and **Kotlin** with the **Spring** platform. Proven track record working on large-scale projects with over **700,000 users**, developing applications with **unit testing**, **end-to-end testing**, **AI**, **CI/CD pipelines**, **AWS**, and **Terraform**. Practical experience with **Go** and messaging systems like **RabbitMQ**, alongside strong skills in creating and maintaining technical documentation.

PROFESSIONAL EXPERIENCE

Wine

Software Engineer   (October 2023 – Present)

- Working at Wine (through GlobalSys), the largest wine e-commerce platform in Latin America and the largest wine subscription club worldwide.
- Built **Release Guard**, a **Kotlin** service managing 100% of production releases across all teams.
- Optimized a geolocation microservice with classification algorithms and **Redis**, increasing accuracy by 95% and reducing operational costs by 50%.
- Addressed and resolved 100% of critical vulnerabilities identified during penetration testing by applying security best practices, significantly reducing the risk of potential exploits.
- Reduced large-scale data load processing time by over 90% through parallelism and **ActiveMQ**.
- Analyze and resolve production issues using **Grafana** and **Kubernetes**, ensuring system stability during high-traffic events such as Black Friday.
- Develop and maintain projects using **Spring Framework** (**Java 7**) and microservices with **Spring Boot** (**Java 17/21 and Kotlin**).
- Create user interfaces with **Java Server Pages (JSP)** and **jQuery**, receiving positive feedback for attention to user experience (**UI/UX**).

PROJECTS

Release Guard - Automated Release Policy Service

Developed a **Kotlin** service to enforce release policies and increase **CI/CD** pipeline reliability. Integrated the system with **Jira** to validate issue statuses and with **GitHub** to identify bypass flags on pull requests for urgent releases. Automated validation rules, audited bypasses, and enforced branch-specific merge permissions, leading the initiative from conception to delivery in collaboration with the **DevOps** team.

github.com/jhonatademuner/release-guard

Architer - System Design Interview Simulation Platform

Developed a **Kotlin/Spring Boot** service to simulate technical interviews with **AI** assistance. Implemented a modular architecture with **JPA** repositories, **REST** controllers, and **OpenAI** API integration. Designed domain models for interviews, challenges, and assistant behaviors with **Flyway** database migrations. Containerized the application with **Docker** and configured **CI/CD** pipelines. Enhanced logging with **MDC** context and structured request tracing.

github.com/jhonatademuner/architer

EDUCATION

Bachelor of Information Systems   (2022 – 2025)

- Federal Institute of Espírito Santo (IFES) – Brazil
- GPA: 84/100

ADDITIONAL INFORMATION

Skills: Java, Kotlin, Spring, Go, PostgreSQL, MySQL, Redis, MongoDB, RabbitMQ, ActiveMQ, JSP, jQuery, AWS, Docker, Terraform, Grafana, Linux, Jira, Git

Languages: Portuguese (Native), English (Professional Working Proficiency)

Certifications and Courses: AWS Educate – Introduction to Cloud 101; Santander Bootcamp 2023 – Android Mobile Development with Kotlin